UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP139_DIP_TER

Visiting Professor Program
Academic year 2022/2023

TEACHING COMMITMENT: 28 hours

COURSE TITLE

Facies analysis

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Sedimentary geology

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

This course aims at providing the theoretical and practical principles of facies analysis and shows an overview of the main clastic and carbonate depositional systems.

LEARNING OBJECTIVES

The objective of the Invited professor is to show the contribution that chemostratigraphic tools and inorganic geochemical palaeoenvironmental proxies can give to stratigraphy and facies analysis.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

Practical works in the field.

OTHER ACTIVITIES BESIDES THE COURSE

Seminars and conferences addressed to PhD students and research fellows

ADDITIONAL COURSE

COURSE TITLE

Applied stratigraphic geology

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Sedimentary geology

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

This course aims at providing the tools to study the sedimentary basins through methods of integrated stratigraphy in order to reconstruct the physical and genetic relationships between sedimentary bodies..

LEARNING OBJECTIVES

The objective of the Visiting Professor is to provide the basic information about formation of methane-derived carbonates and their significance in basin analysis.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

Practical works in the field

OTHER ACTIVITIES BESIDES THE COURSE

Seminars and conferences addressed to PhD students and research fellows

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VISITING PROFESSOR PROFILE

The visiting professor should possess a solid experience in the field of laboratory techniques, mainly inorganic and isotopic geochemistry, applied at solving problems of paleoenvironmental interpretation of classic sedimentary contexts as well as some examples of extreme environments (e.g. cold seeps, hypersaline basins).

CONTACT PERSON AT THE DEPARTMENT

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